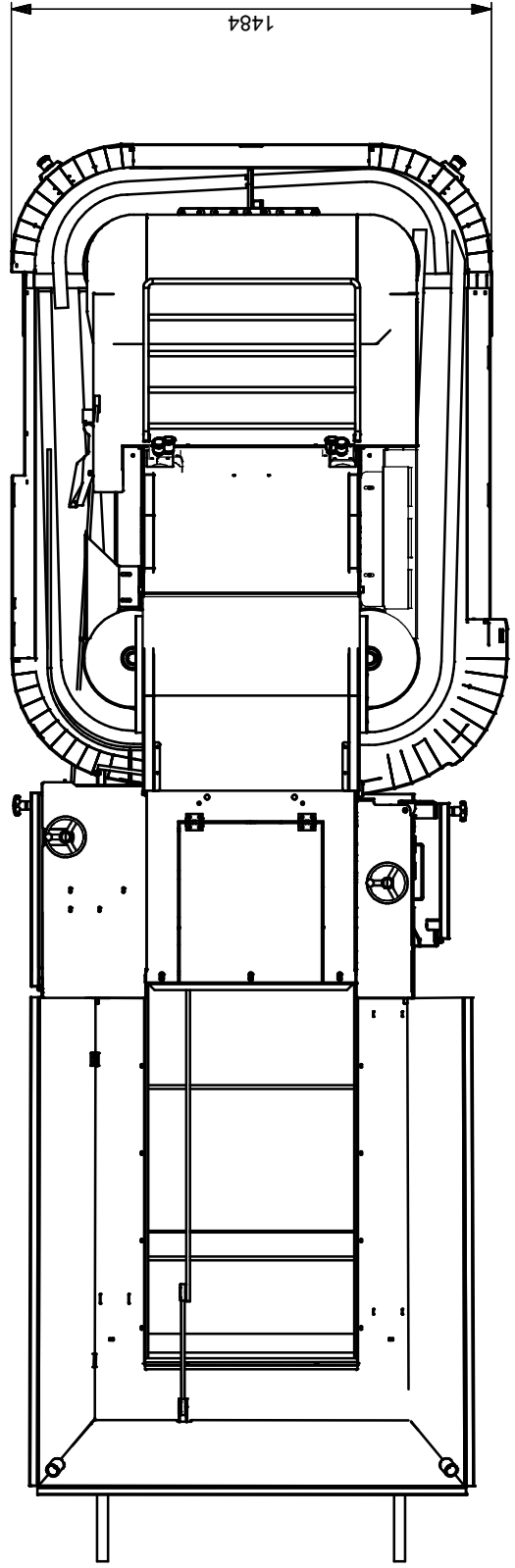


4 HOOGTE-STANDEN:

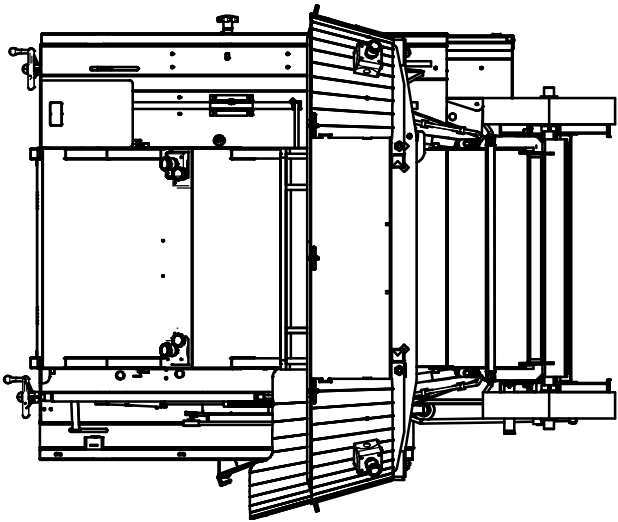
- A = 675 mm
- A = 629 mm
- A = 583 mm
- A = 537 mm



1484

POTTENBAAN-VARIANTEN:

- 24 POTTEN OP STEEK 203,2 > B = 935 mm
- 27 POTTEN OP STEEK 203,2 > B = 1240 mm
- 28 POTTEN OP STEEK 203,2 > B = 1345 mm
- 29 POTTEN OP STEEK 203,2 > B = 1445 mm
- 30 POTTEN OP STEEK 203,2 > B = 1545 mm
- 32 POTTEN OP STEEK 203,2 > B = 1750 mm
- 33 POTTEN OP STEEK 203,2 > B = 1850 mm
- 34 POTTEN OP STEEK 203,2 > B = 1950 mm
- 36 POTTEN OP STEEK 203,2 > B = 2155 mm
- 38 POTTEN OP STEEK 203,2 > B = 2335 mm
- 39 POTTEN OP STEEK 203,2 > B = 2460 mm
- 19 POTTEN OP STEEK 254 > B = 935 mm
- 20 POTTEN OP STEEK 254 > B = 1062 mm
- 23 POTTEN OP STEEK 254 > B = 1445 mm
- 27 POTTEN OP STEEK 254 > B = 1950 mm
- 30 POTTEN OP STEEK 254 > B = 2075 mm
- 31 POTTEN OP STEEK 254 > B = 2335 mm
- 31 POTTEN OP STEEK 254 > B = 2460 mm
- 16 POTTEN OP STEEK 304,8 > B = 935 mm
- 17 POTTEN OP STEEK 304,8 > B = 1085 mm
- 18 POTTEN OP STEEK 304,8 > B = 1240 mm
- 20 POTTEN OP STEEK 304,8 > B = 1545 mm
- 22 POTTEN OP STEEK 304,8 > B = 1850 mm
- 24 POTTEN OP STEEK 304,8 > B = 2155 mm
- 26 POTTEN OP STEEK 304,8 > B = 2460 mm
- 28 POTTEN OP STEEK 304,8 > B = 2765 mm



# Air consumption cylinders/machines

## Air consum. cylinders measured at 3.000 strokes p/h at 6 atm. (90psi)

Length Cylinder	Diameter 12	Diameter 20	Diameter 32	Diameter 40
300mm			156 NL/minute	243 NL/minute
250mm			130 NL/minute	202,5 NL/minute
200mm			104 NL/minute	
150mm			78 NL/minute	
100mm		20,5 NL/minute	52 NL/minute	
70mm		14,35 NL/minute		
50mm		10,25 NL/minute		
20mm	1,38 NL/minute	4,1 NL/minute		
16mm	1,1 NL/minute	3,3 NL/minute		
12mm	0,83 NL/minute	2,5 NL/minute		

## Air consumption in NL/minute per item

Machine	Measured speed	NL/minute
POP pot dispenser	3000 strokes per hour	10,25
LPO large pot dispenser	3000 strokes per hour	39,75
Osmocote dispenser*	1500 strokes per hour	52
Blowers continuous**	N.a.	262
Blowers per stroke	3000 strokes per hour	56,50
Placing robot NZ0-1 + staggering***	500 strokes per hour	83,50
Pick-up robot NZ100 + staggering***	500 strokes per hour	4,3
Compact pick-up NZL100	500 strokes per hour	
Compact placing NZL0-1	500 strokes per hour	
Linea Recta pick-up NZLR100	500 strokes per hour	
Linea Recta placing NZLR0-1	500 strokes per hour	

### Notes:

**NL = Nominal Liter p. m. x 0.264= gallon p.m. (GPM) : 7.48 = Cubic feet p. m. (CFM)**

- Air consumption for a potting machine measured at 3,000 strokes per hour with a LPOD, AFLPR1, AFLA1 = 250 NL/minute (8.8 CFM)

- Intake capacity is mentioned in NL/minute.

\*The inner cylinder is adjusted at 2cm. (3/4")

\*\* Not reduced, with a 2mm (3/32") blower opening

\*\*\* Staggering stroke at 100mm. (4")



Javo Super (SU1)

**Specifications:**

Voltage	400Volt 50z 3~+N+ PE (N. America 208/220V. 60Hz)
Power connection machine	16A 5 fase
Power	2,95kW
Switched plug box	1x 16A 5 fase
Length	4.110mm (13'8")
Width	1.500mm (5')
Height	1.840mm (6'2")
Weight	±1.100kg (2420lbs)
Height take off belt standard	870mm (34¾")
Max. capacity (pulley 118 V-belt B33)	3.120 p. p/hour
Min. capacity (pulley 118 V-belt B33)	1.440 p. p/hour
Min. pot size	5,5cm (2¼")
Max. pot size	24cm (9¾")
Amount pot holders	19
Standard size pottrack !	250mm (10")
Volume soil bin	1.135ltr
Maintenance set	16A plug, 3x open end wrench, 1x door key, 1x allen wrench, 2x locknut m10, 2x allen screw m8, 2x rubber washer
Drill holder (motor shaft 19mm)	Drill shaft 14mm (up to drill 15cm)(6")

Options:	Code:	Specifications:
4mtr 5x1.5 cable incl. 16A plug	900965	
Continuous plug box	900966	Not standard.
Pulley with V-belt	SPB 100, B31	
Pulley with V-belt	SPB 140, B35	Speed 1.260 – 2.580 p.p./hour
Pulley with V-belt	SPB 180, B38	
Pulley with V-belt	SPB 190, B40	
Pottrack extension		See different list with options
Distance on pottrack chain		200mm/24 holders max. pot size 19cm.(7¾") 300mm/16 holders max. pot size 29cm.(11¾")
Drill interrupter	BO1	*See notes
Continuous running system	DLS	±8.000 p. p/hour (impossible on SU1M)
Take off double behind each other	AFLPDR	Max. pot size: 200=12cm(4¾") 250/300=14cm(5¾")
Take off double next to each other		Max. pot size: 200=2x9cm (2x3¾") 250=2x12cm (2 x 4¾") 300=2x14cm (2 x 5¾")
Double drill installation	ST100-3	from 60 to 150mm (2¼ to 6")
Soil bin extension	SU1G	1390ltr extra
Osmocote Dosing unit	ST90-13	
Brush unit behind drill	BM 201	
Brush unit before drill	BM 204	
Motorized pressure roller complete	201-500-01-02	Electronic speed control

Options:	Code:	Specifications:
Heavy air wheels front side	SU1L	
Heavy air wheels with tow bar rear side	SU1ZL	Wider than soil bin (no tilter possible)
Massive swivel wheels with brake rear side	SU1ZM	No tow bar
Electronic speed control on elevator	SU1E**	Min. speed -25% max. speed +20%
Electronic speed control on pottrack!	SU1E**	Min. speed -25% max. speed +20%
Height take off belt		From 780mm to 825mm (31" to 33")
Drill rod extenders	201-423	Necessary from drill size 16cm (6¼")
Large drill cover	204-5032	Necessary from drill size 16cm (6¼")
Drill holder (motor shaft 19mm)		Drill shaft 19mm (from drill 16cm) (6¼")
1000 rpm drill motor (motor shaft 24mm)		
Drill holder (motor shaft 24mm)		Drill shaft 14mm (up to drill 15cm) (6")
Drill holder (motor shaft 24mm)		Drill shaft 19mm (from drill 16cm) (6¼")

**Notes:**

- \*The drill interrupter can be equipped pneumatic as well as mechanical. In case of using a PLC, the drill, pot dispenser and take off need to be on intermitted stroke.
- \*\*dial on electrical panel
- The use of a 1000 rpm drill motor for big drills is recommended.
- Air consumption with 3.000 rph LPOD, AFLPR1 = 250NL/minute
- Pay attention while placing a crate tilter at the side of the soil bin, the safety cover plate need to be shortened because of the soil that falls behind the machine.
- Don't place a crate tilter at the side of the electrical panel. Move the panel or the tilter to the other side.
- LPO turned 180 degrees can only handle pot sizes up to 18cm in the common position.

## JAVO SUPER/MEGA

### POTTRACK EXTENSIONS

The Super is standard equipped with the following pottrack chains:

- Measure **203,2** contains **24** holders per chain
- Measure **254,0** contains **19** holders per chain
- Measure **304,8** contains **16** holders per chain

The Super Mega is standard equipped with the following pottrack chains:

- Measure **203,2** contains **30** holders per chain
- Measure **254,0** contains **24** holders per chain
- Measure **304,8** contains **20** holders per chain

### **Pottrack extension Javo Super**

Number of holders per chain.

Measure													
203.2		27	28	29	30	32	33	34		36		39	
254.0				23				27	28			31	
304.8	17	18			20		22			24		26	28
355.6									20				
<b>Extra lengthening in mm.</b>	150	305	410	510	610	815	915	1015	1140	1220		1525	1830

### **Pottrack extension Javo Super Mega**

Number of holders per chain.

Measure												
203.2		33	34	35	36	38	39	40	42	45		
254.0				28				32	34	36		
304.8	21	22			24		26		28	30		32
<b>Extra lengthening in mm</b>	150	305	410	510	610	815	915	1015	1220	1525		1830

On a Javo Super with measure 200, the centre of the first pot holder after the paddle wheel housing is 100mm (please note that the distance will get smaller when the chain is wearing out)



*Partner in Growing*

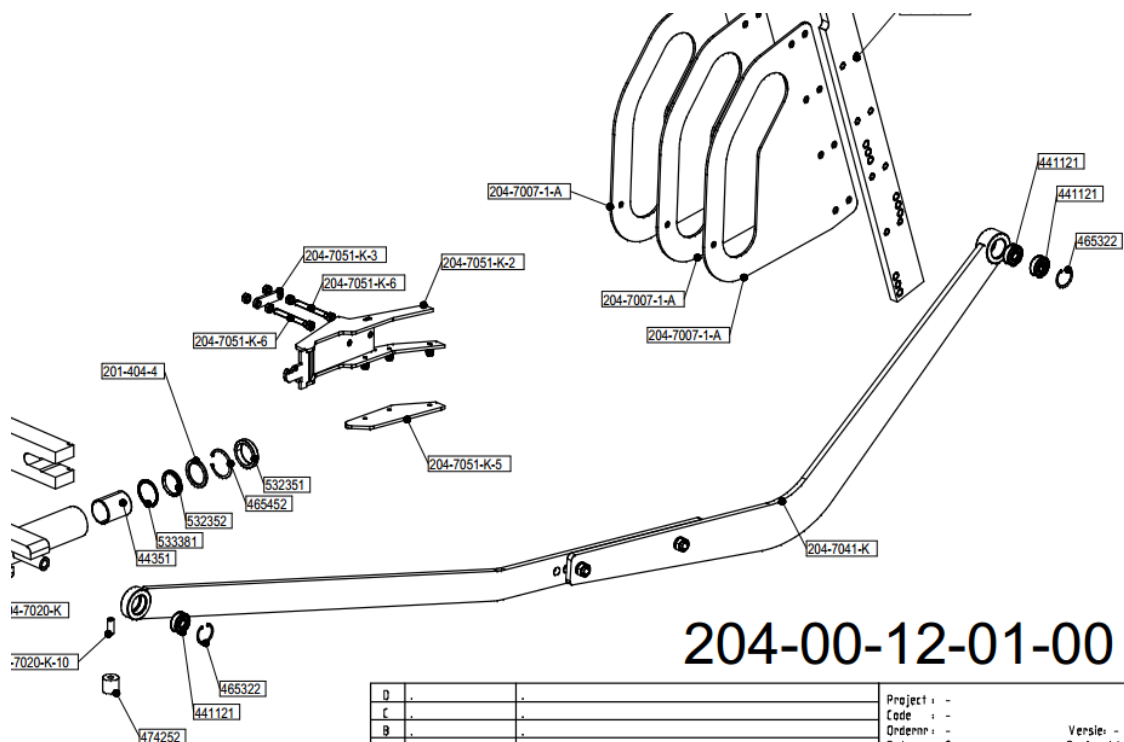


# Newsletter

SUBJECT: Pull arm pottrack, Super

DATE: May 22, 2012

The pull arm has changed. The article number remains the same because it can be exchanged with the "old" pull arm. The new pull arm has a deeper bend so that a pottrack with a 20cm (8") center-to-center chain can also be mounted in the lowest position. The pull arm is split to allow for making it a bit shorter or longer to accommodate the drill position.



204-00-12-01-00

D		Project	-
C		Code	-
B		Omschrijving	Versie: -
A		Datum	\$
WIJZ.	DATE	OMSCHRIJVING	Schaal: 1/14 Getekend: W.Steekers



*Partner in Growing*



## *Newsletter*

SUBJECT: Adjustment soil stop mechanism Super

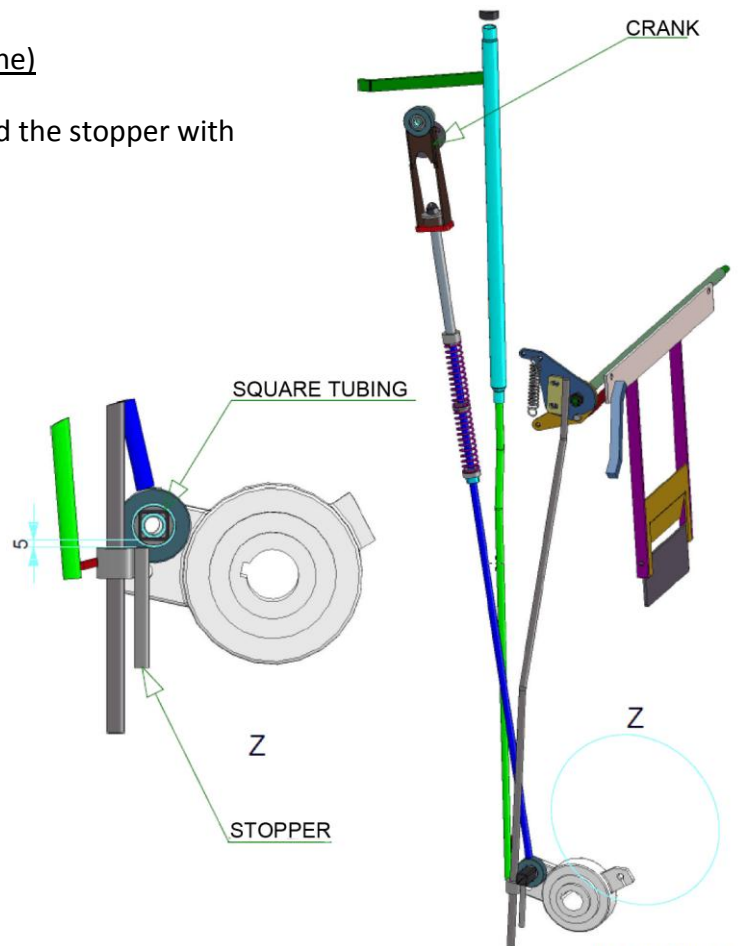
DATE: 13-4-2011

### **IMPORTANT !**

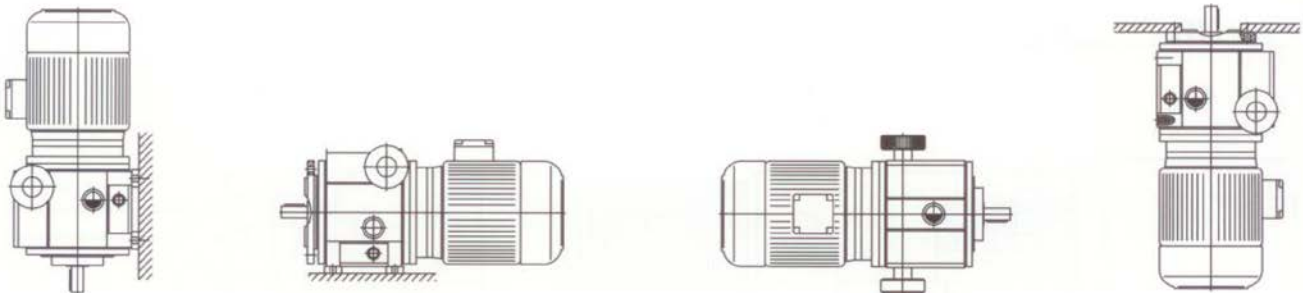
It is important that the soil stop mechanism is correctly adjusted for proper functioning of the Super.

#### Proper soil stop adjustment (empty machine)

5mm space between the square tubing and the stopper with the crank in high position !



## Oil quantities (ccm) variable-speed ball drive KR1-KR4



Einbaulage	V1, V5, V18	B3, B5, B14	B6, B7	V3, V6, V19
KR1	70	70	70	70
KR2	200	125	200	125
KR3	400	250	400	250
KR4	800	450	800	450

*Only the use of Santotrac 50/Variotrac 32 synthetic traction fluid ensures full power transmission.*

*The warranty requires this oil type to be used. The oil should be changed after 5000 operating hours (at least once per year). The oil change must not be carried out during operation. No other maintenance work is required.*

## Oil quantities FMRV + FDL:

Drive:	Quantity (ltr):	Type:
FMRV030	0,05	BP Energol SG-XP320
FMRV040	0,1	BP Energol SG-XP320
FMRV050	0,15	BP Energol SG-XP320
FDL018	0,13 (aber in vertikal mit Wellenende nach unten: 0,2)	BP Autran DX
FDL037	0,15 (aber in vertikal mit Wellenende nach unten: 0,25)	BP Energol SG-XP320



Trädgårdsteknik AB  
Helsingborgsvägen Varalöv  
262 96 ÄNGELHOLM  
Tel: 0431-22290  
Fax: 0431-22270  
Mail: info@[tradgardsteknik.se](mailto:info@tradgardsteknik.se)  
Webb: [www.tradgardsteknik.se](http://www.tradgardsteknik.se)